



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: William J. Goetzinger et al : Date: April 29, 2002  
Group Art Unit: 2661 : IBM Corporation  
Examiner: Unknown : Intellectual Property Law  
Serial No.: 10/015,994 : Dept. 917, Bldg. 006-1  
Filed: November 1, 2001 : 3605 Highway 52 North  
Title: WEIGHTED FAIR QUEUE SERVING : Rochester, MN 55901  
PLURAL OUTPUT PORTS

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. §1.97. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. §1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. §1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Serial No. 10/015,994  
Docket No. ROC920010200US1

To the best knowledge of the undersigned, this Information Disclosure Statement is being filed under 37 C.F.R. §1.97(b)(3) before the mailing of a first Office action on the merits in the present application. Accordingly no filing fee is required.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

April 29, 2002

(Date of Deposit)

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Respectfully submitted,

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By

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S  
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ATTY. DOCKET NO.  
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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE (IF APPRO.)
AA	5 4 9 0 1 4 1	02/06/1996	Fuyung Lai et al	370	60.1	09/30/1994
AB	5 2 4 9 1 8 4	09/28/1993	Karen L. Woest et al	370	85.8	05/07/1991
AC	5 5 4 8 5 9 0	08/20/1996	Robert H. Grant et al	370	61	01/30/1995
AD	5 8 3 1 9 7 1	11/03/1998	Flavio Giovanni Bonomi et al	370	230	08/22/1996
AE	5 8 4 4 8 9 0	12/01/1998	Gary Scott Delp et al	370	230	03/25/1997
AF	5 8 5 0 3 9 9	12/15/1998	Mahesh N. Ganmukhi et al	370	412	03/27/1998
AG	5 9 2 6 4 5 9	07/20/1999	J. Bryan Lyles et al	370	230	06/11/1997
AH	5 9 2 6 4 8 1	07/20/1999	Chi-Lung Wang et al	370	465	04/16/1997
AI	5 9 4 6 2 9 7	08/31/1999	Jean Calvignac et al	370	230	01/22/1997
AJ	5 9 9 9 9 6 3	12/07/1999	John Louis Bruno et al	709	104	11/07/1997
AK	6 0 1 4 3 6 7	01/11/2000	Alexander Joffe	370	230	04/25/1997
AL	6 0 1 8 5 2 7	01/25/2000	Nanying Yin et al	370	412	08/13/1996

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
					YES NO
AM 0 8 5 9 4 9 2	08/19/1998	Europe	H04L12	56	X
AN 0 9 8 9 7 7 0	03/29/2000	Europe	H04Q11	04	X
AO 1 0 4 9 3 5 2	11/02/2000	Europe	H04Q11	04	X
AP 1 8 3 8 8 6	06/30/2000	Japan	H04L12	28	ABSTRACT
AQ 2 9 5 2 4 7	10/20/2000	Japan	H04L12	28	ABSTRACT

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Abstract of Publication entitled "Design of packet-fair queuing schedulers using a RAM-based searching engine"
	by HJ Chao et al, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 6, pp. 1105-1126, June 1999
AS	U.S. Patent Application Serial Number 10/102,166 filed March 20, 2002 entitled "Method and Apparatus for Improving the Fairness of New Attaches to a Weighted Fair Queue in a Quality of Service (QoS) Scheduler"
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## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE (IF APPRO.)
BA	6 0 2 8 8 4 3	02/22/2000	Gary Scott Delp et al	370	235	03/25/1997
BB	6 0 3 1 8 2 2	02/29/2000	Eugen Wallmeier	370	235	08/26/1997
BC	6 0 3 8 2 1 7	03/14/2000	J. Bryan Lyles	370	233	06/03/1997
BD	6 0 4 1 0 5 9	03/21/2000	Alexander Joffe et al	370	412	04/25/1997
BE	6 0 7 2 8 0 0	06/06/2000	Duan-Shin Lee	370	412	08/18/1997
BF	6 0 7 8 9 5 3	06/20/2000	Aseem Vaid et al	709	223	12/29/1997
BG	6 0 8 1 5 0 7	06/27/2000	Hung-Hsiang Jonathan Chao et al	370	235	11/04/1998
BH	6 0 9 2 1 1 5	07/18/2000	Abhijit Kumar Choudhury et al	709	235	10/30/1997
BI	6 1 0 4 7 0 0	08/15/2000	Stephen R. Haddock et al	370	235	02/03/1998
BJ	6 1 0 8 3 0 7	08/22/2000	Stephen M. McConnell et al	370	235	12/12/1997
BK	6 1 2 2 6 7 3	09/19/2000	Debashis Basak et al	709	238	07/22/1998
BL	6 1 4 4 6 6 9	11/07/2000	Stephen J. Williams et al	370	401	12/12/1997

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
													YES	NO
	BM	0	0	0	7	8	2	2	12/20/2000	Japan	H04Q11	00	ABSTRACT	
	BN	9	9	3	5	7	9	2	07/15/1999	World	H04L12	56	X	
	BO	0	1	2	0	8	7	6	03/22/2001	World	H04L122	56	X	
	BP													
	BQ													

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

BR	
BS	
BT	

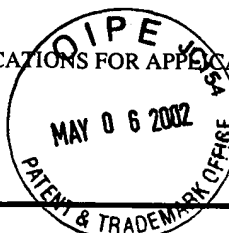
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## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT	DATE	NAME	CLASS	SUB- CLASS	FILING DATE (IF APPRO.)
CA	6 1 5 7 6 1 4	12/05/2000	Eliezer Pasternak et al	370	236	10/22/1997
CB	6 1 5 7 6 4 9	12/05/2000	Kenneth L. Peirce et al	370	401	10/31/1997
CC	6 1 5 7 6 5 4	12/05/2000	Tom Davis	370	412	06/24/1997
CD	6 1 8 8 6 9 8	02/13/2001	Claude Galand et al	370	412	01/26/1998
CE	6 2 2 6 2 6 7	05/01/2001	Barry A. Spinney et al	370	235	04/10/1998
CF	6 2 2 9 8 1 2	05/08/2001	Bidyut Parruck et al	370	412	06/11/1997
CG	6 2 2 9 8 1 3	05/08/2001	Steven W. Buchko et al	370	412	11/25/1998
CH	6 2 3 6 6 4 7	05/22/2001	Carlo Amalfitano	370	335	02/24/1998
CI						
CJ						
CK						
CL						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
CM							
CN							
CO							
CP							
CQ							

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